Field	Field Name	Туре	Width De	c Valu	e Description	Source Notes
1	ID	Int	10	c valu	TransCad ID	TransCad
2	Length	Real	10 2		Length (miles)	TransCad
3	Dir	Int	2		Direction code	Model Team
ľ	DII	IIIC	۷	1	One way - A to B	Woder ream
				0	Two way	
				-1	One way - B to A	
4	Anode	Int	6	-1	A node number	TransCad ID
5	Bnode	Int	6		B node number	TransCad ID
6	StrName	Char	20		Street name	Model Team
7	Secondnam	Char	20		Secondary street name	DOT
0			20			Model Team
8	A_CrossStr	Char	20		Crossing street name at A node	
9 10	B_CrossStr	Char	8		Crossing street name at B node	Model Team
10	funcl	Int	8	1	Model functional class	Model Team
				1	Freeway	
				2	Expressway	
				3	Class II major thoroughfare	
				4	Major thoroughfare	
				5	Minor tfare	
				6	Collector street	
				7	Local Street	
				8	Ramp to surface street	
				9 22	Freeway-freeway ramp	
				23	HOV 2+ / Busway	
					HOV 3+ / Busway	
				24 25	HOT 2+ / Busway	
				25	HOT 3+ / Busway	
				30	Transit Only - Rail	
				40	Transit Only - Busway	
				82 83	Hwy to HOV 2+ / HOT2+	
				84	Hwy to HOV 3+ / HOT 3+	
				90	Transit Only - connect to Tran Centroid connector	
				92	Centroid connector Centroid conn to transit sta	
				32	Add 900 for links not in current	
				900+	•	
11	fedfuncl	Char	2		network Federal functional class	State DOTs
**	rediunci	Cilai	2	IU	Urban Interstate	State DOTS
				IR	Rural Interstate	
				FU	Urban other freeway	
				PU	Urban Principal arterial	
				PR	Rural Principal arterial	
				MU	Urban Minor arterial	
				MR	Rural Minor arterial	
				CU	Urban collector	
				CM	Rural - Major collector	
				CR	Rural - Minor collector	
				LU	Urban - Local street	
				LR	Rural - Local street	
l				HO	HOV	
				TR		
12	fedfunc_AQ	Char	5	iΓ	Transit only Air quality functional class	Model Team Fedfunc - not mileage restricted
112	redidiic_AQ	Cliai	J			
12	VO 3006MV	Char	1		County + fedfuncl concatenated	Non-attainment area only Model Team In 2008 NAAQ NA area or not
13	AQ_2008NA		1		Y or N	
14	Co_fedfuncl	Char	5		County + fedfuncl concatenated	Model Team Fedfunc - not mileage restricted
15	lanes	Int	2		Total number of lanes	Calc Field check

Field	Field Name	Туре	Width Dec	Valu	e Description	Source	Notes
16	lanesAB	Int	1		Trunk no. of lanes A to B	Calc / field	lanes / 2 (field check odd nos.)
						check Calc / field	
17	lanesBA	Int	1		Trunk no. of lanes B to A	check	lanes / 2 (field check odd nos.)
18	factype	Char	1		Facility type	Field check	
	, -			F	Freeway		
				Ε	Expressway		
				R	Ramp		
				D	Divided - no median breaks		
				M	Divided - median breaks only		
				В	Divided - left turn bays		
				T	Undivided - left turn bays		
				С	Undivided - continuous left		Use in checking odd no. of lanes
				U	Undivided - no left provision		
19	SpdLimit	Int	8		Speed limit (MPH)	Field check	Use in link speed calc
20	SpdLimitRun	Int	8		Speed limit (MPH) adjusted in future	Calc	Use in link speed calc
	•				for area type		·
21	parking	Char	1	.,	On-street parking	Field check	Use in link speed / cap calc
				Y	Parking allowed		
				N	Parking not allowed		
				A P	No parking in AM peak		
				В	No parking in PM peak No parking in peak		
22	pedactivity	Char	1	Ь	Pedestrian activity	Field check	Use in link speed / cap calc
22	pedactivity	Cilai	1	Н	High pedestrian activity	Field Check	ose III IIIIk speed / cap caic
				M	Medium pedestrian activity		
				L	Low pedestrian activity		
				X	Pedestrians prohibited		
23	developden	Char	1		Development density	Field check	Use in link speed / cap calc
				Н	High development density		,p
				М	Medium development density		
				L	Low development density		
				v	Deadside development prohibitied		
				Х	Roadside development prohibitied		
24	drivewyden	Char	1		Driveway density	Field check	Use in link speed / cap calc
				Н	High driveway density		
				M	Medium driveway density		
				L	Low driveway density		
				Χ	Driveways prohibited		
25	landuse	Char	1	_	Land Use	Field check	Use in link speed / cap calc
				D	Center city	Model team	Consider shifting to numeric
				R	Residential		
				C	Commercial		
				1	Industrial		
				0	Open		
				Χ	Roadside development prohibitied		
26	areatp	Char	1		Area Type	Calculated	Use in link speed / cap calc
				1	CBD		start w/ partners
				2	Fringe	1	
				3	Urban		
				4	Suburban		
				5	Rural	ļ	
27	A_LeftLns	Int	1		No. of left turn lanes at A node	Field check	Use in A intersection delay / capacity
		-				1	calc

Field	Field Name	Туре	Width	n Dec	Valu	e Description	Source	Notes
28	A_ThruLns	Int	1			No. of through lanes at A node	Field check	Use in A intersection delay / capacity calc
29	A_RightLns	Int	1			No. of right turn lanes at A node	Field check	Use in A intersection delay / capacity calc
30	A_control	Char	1			Control at A node	Field check	Use in A intersection delay / capacity calc
					Т	Through		
					L	Signal (light)		
					S	Stop		
					F	Four way stop (all appr. stop)		
					Υ	Yield		
24	A	Char	1		R	Roundabout	etalal abaala	E'ald about on town lands
31	A_prohibit	Char	1		NI	Prohibitions at A node	Field check	Field check on turn lanes
					N L	No prohibitions No left		included "X" - assign here
					R	No right		
					T	No through		
					C	No turns		
32	B_LeftLns	Int	1			No. of left turn lanes at B node	Field check	Use in B intersection delay / capacity calc
33	B_ThruLns	Int	1			No. of through lanes at B node	Field check	Use in B intersection delay / capacity calc
34	B_RightLns	Int	1			No. of right turn lanes at B node	Field check	Use in B intersection delay / capacity calc
35	B_control	Char	1			Control at A node	Field check	Use in B intersection delay / capacity calc
					Т	Through		
					L	Signal (light)		
					S	Stop		
					F	Four way stop (all appr. stop)		
					Y	Yield		
2.6	5 1111	CI			R	Round about	e: III I	5:11.1
36	B_prohibit	Char	1		N.	Prohibitions at B node	Field check	Field check on turn lanes included "X" - assign here
					N L	No prohibitions No left		included X - assign here
					R	No right		
					T	No through		
					C	No turns		
37	alpha	Real	10	2	_	Alpha - V/C delay function	Model team	Calibration
38	beta	Real	10	2		Beta - V/C delay function	Model team	Calibration
39	Count	Char	1	0		Count	Model team	Y or N
40	AAWT00	Int	10			2000 Count	Calc	Calibration check
41	CNTAAWT05	Int	10			2005 Count	Calc	Calibration check
42	CNTAAWT10	Int	10			2010 Count	Calc	Calibration check
43	CNTAAWT11	Int	10			2011 Count	Calc	Calibration check
44	CNTAAWT12	Int	10			2012 Count	Calc	Calibration check
45	CNTAAWT13	Int	10			2013 Count	Calc	Calibration check
46	CNTAAWT14	Int	10			2014 Count	Calc	Calibration check
47	CNTAAWT15	Int	10			2015 Count	Calc	Calibration check
48	CNTAAWT16	Int	10			2016 Count	Calc	Calibration check
49	CNTAAWT17	Int	10			2017 Count	Calc	Calibration check
50	CNTAAWT18	Int	10			2018 Count	Calc	Calibration check
51	CNTAAWT19	Int	10			2019 Count	Calc	Calibration check

Field	Field Name	Туре	Width	Dec Valu	ie Description	Source	Notes
52	Calib10	Int	10		Count for 2010 Calibration	Calc	Count for 2010 calibration/validation (accounts for data collected ranging from 2010 to 2013)
53	Calib15	Int	10		Count for 2015 Calibration	Calc	Count for 2015 calibration/validation (accounts for data collected ranging from 2013 to 2015)
54	Calib18	Int	10		Count for 2018 Calibration	Calc	Count for 2018 calibration/validation (accounts for data collected ranging from 2017 to 2019)
55	MTK00				2000 Medium Truck Count	Calc	Calibration check
56	MTK05	Int	10		2005 Medium Truck Count	Calc	Calibration check
57	MTK10	Int	10		2010/11/12 Medium Truck Count	calc	Calibration check
58	MTK15	Int	10		2015/14/13 Medium Truck Count	Calc	Calibration check
59	MTK18	Int	10		2018/17/16 Medium Truck Count		
60	HTK00	Int	10		2000 Heavy Truck Count	Calc	Calibration check
61	HTK05	Int	10		2005 Heavy Truck Count	calc	Calibration check
62	HTK10	Int	10		2010/11/12 Heavy Truck Count	calc	Calibration check
63	HTK15	Int	10		2015/14/13 Heavy Truck Count	calc	Calibration check
64	HTK18	Int	10		2018/17/16 Heavy Truck Count	calc	Calibration check
65	Scrln	Int	10	1	Screenline Identification Catawba River	Model team	use w/ aawt05
				2	NS RR (Catawba River to Kings Mtn.)		
				3	CSX RR (Clt to Union Co. line)		
				4	NS RR (Charlotte to Harrisburg)		
				5	NS RR (Concord to Salisbury)		
				6	NS RR (Clt to Albemarle)		
				7	LYNX Blue Line		
				8	South Mecklenburg		
				9	Mallard Creek / Long Creek		
				10	Cabarrus - Mecklenburg		
				11 12	Cabarrus - Rowan		
				13	Mecklenburg - Union Gaston - Lincoln		
				14	NC - SC		
				15	Charlotte CBD		
				16	Iredell - Cab/Row		
				17	Cabarrus - Stanly		
				18	Briar Creek/Sugar Creek		
				19	West Charlotte		
				20	NS RR (Clt CBD to Catawba River)		
				21	CSX RR(Union County)		
				22 23	I-40 External station		
				23	Not screen line		
<u> </u>				_	Cross reference to Inrix TT data	1	
66	TMCcode_ab	Char	10	0	segments - AB direction	Inrix Data	Cross Reference
67	TMCcodo bo	Char	10	0	Cross reference to Inrix TT data	Inriv Data	Cross Poforones
67	TMCcode_ba	Char	10	0	segments - BA direction	Inrix Data	Cross Reference
68	TT_RTE	Int	8		Inrix Route	Inrix Data	
69	TT_KEY_AB	Int	8		Inrix Route AB direction	Inrix Data	
70	TT_KEY_BA	Int	8		Inrix Route BA direction	Inrix Data	

Field	Field Name	Typo	\A/id+	h Doc	Value	Description	Source	Notes
Field	Field Name	Туре		n Dec	value	Description	Source	Notes
71	State	Int	2		27	State FIPS code	Model team	
					37	North Carolina		
72	Country	let	3		45	South Carolina	Model team	
/2	County	Int	3	0	25	County FIPS code Cabarrus	woder team	
					25 35	Catawba		
					35 45	Cleveland		
					43 71	Gaston		
					97	Iredell		
					109	Lincoln		
					119	Mecklenburg		
					159	Rowan		
					167	Stanly		
					179	Union NC		
					57	Lancaster		
					91	York		
					999	External station		
					333	External station	Area type	
73	TAZ	Real	8			TAZ number	1 -	
7.4	la sela sed	l m A				Lacelly assigned forestional place	model	Madified Inter Of (CDOT)
74	locclass1	Int	8			Locally assigned functional class	MPO	Modified July 5, 06 (CDOT)
					1	Freeway		
					2	Expressway		
					3	Class II major thorughfare		
					4	Major thorughfare		
					5	Minor thorughfare		
					6	Collector street		
					7	Local Street		
					8	Ramp to surface street		
<u> </u>					9	Freeway-freeway ramp		
75	locclass2	Int	8			Local class system	MPO	e.g. Corridor ID
76	reverselane	Int	6			No. of reversible lanes	Model team	Additional reversible lanes
77	reversetime	Char	1			Time period - reversible lanes	Model team	
78	SPfreeAB	Real	10	2		Composite (link + intersection) free	Capspd	Length / (TTfreeAB / 60)
, ,	51 11 667 15	ricai				speed A to B (MPH)	Сарэра	zengan / (Timeera) / do/
79	SPfreeBA	Real	10	2		Composite (link + intersection) free	Capspd	Length / (TTfreeBA / 60)
/ -	STITCEBA	ricai	10			speed B to A (MPH)	Сарэра	. ,
80	SPpeakAB	Real	10	2		Composite (link + intersection)	Capspd	Length / (TTpeakAB / 60), NOT
80	эт реакль	iteai	10			congested speed A to B (MPH)	Сарзри	UPDATED IN FEEDBACK
81	SPpeakBA	Real	10	2		Composite (link + intersection)	Canend	Length / (TTcongestBB / 60), NOT
01	Згреаква	Real	10			congested speed B to A (MPH)	Capspd	UPDATED IN FEEDBACK
02	TTfroo A D	Dool	10	2		Composite (link + int) travel time free	Consud	Notice of characteristics * leaderns
82	TTfreeAB	Real	10	2		speed A to B (min)	Capspd	Network characteristics * lookups
00	TT(DA	Deel	40	2		Composite (link + int) travel time free	Carrage d	Nietowale skapania data wila kilo aliona
83	TTfreeBA	Real	10	2		speed B to A (min))	Capspd	Network characteristics * lookups
				_		Composite travel time congested		TTfreeAB * lookup (initial), NOT
84	TTpeakAB	Real	10	2		speed A to B (min)	Capspd	UPDATED IN FEEDBACK
				_		Composite travel time congested		TTfreeBA * lookup (initial), NOT
85	TTpeakBA	Real	10	2		speed B to A (min)	Capspd	UPDATED IN FEEDBACK
						Travel time A to B - free speed - link	<u> </u>	
86	TTlinkFrAB	Real	10	2		factors only (min)	Capspd	Link characteristics * lookups
						Travel time B to A - free speed - link	 	
87	TTlinkFrBA	Real	10	2		factors only (min)	Capspd	Link characteristics * lookups
—						Travel time A to B - congested speed -		TTlinkfreeAB * congestion factor
88	TTlinkPkAB	Real	10	2			Capspd	lookup
—						link factors only (min) Travel time B to A - congested speed -	 	TTlinkfreeBA * congestion factor
89	TTlinkPkBA	Real	10	2			Capspd	_
						link factors only (min)	<u>I</u>	lookup

Field	Field Name	Type	Width	n Dec	Value Description	Source	Notes
90	IntDelFr A	Real	10	2	A node intersectino delay - free	Capspd	Intersection characteristics (A node)
90	IIItDeiri_A	Neai	10		speed (min)	Сарѕри	* lookups (Seconds)
91	IntDelFr_B	Real	10	2	B node intersection delay - free	Capspd	Intersection characteristics (B node)
		- ricui		_	speed (min)	сарэра	* lookups (Seconds)
92	IntDelPk A	Real	10	2	A node Intersection delay -	Capspd	Intersection characteristics (A node)
					congested (min)		* lookups (Seconds)
93	IntDelPk_B	Real	10	2	B node intersection delay - congested	Capspd	Intersection characteristics (B node)
					(min) Peak 3 hour total capacity (link +		* lookups (Seconds)
94	capPk3hrAB	Real	10	2	intersection) A to B (tot veh)	Capspd	cap1hrAB * peak fac
95	capPk3hrBA	Real	10	2	Peak 3 hour total capacity B to A	Capspd	cap1hrBA * peak fac
96	capMidAB	Real	10	2	Midday total capacity A to B	Capspd	cap1hrAB * midday fac
97	capMidBA	Real	10	2	Midday total capacity B to A	Capspd	cap1hrBA * midday fac
98	CapNightAB	Real	10	2	Night total capacity A to B	Capspd	cap1hrAB * night fac
99	CapNightBA	Real	10	2	Night total capacity B to A	Capspd	cap1hrBA * night fac
		Deel	10	_	One have link assessment A to B		Lane, intesection characteristics *
100	cap1hrAB	Real	10	2	One hour link capacity A to B	Capspd	lookups
101	cap1hrBA	Real	10	2	One hour link capacity B to A	Capspd	Lane, intersection characteristics *
101	сартива	Nedi	10			Capspu	lookups
102	TTPkEstAB	Real	10	2	Time/distance impedance - free	Capspd	A(Length) + B(TTfreeAB)
102	TTT KESUAB	rtear			speed A to B	Сарэра	/(Length) · b(Timee/ib)
103	TTPkEstBA	Real	10	2	Time/distance impedance - free	Capspd	A(Length) + B(TTfreeBA)
					speed B to A		(- 5- / (/
104	TTPkPrevAB	Real	10	2	Congested travel time A to B	Capspd,	Round 2 feedback spd
					previous assignment Congested travel time B to A	feedback Capspd.	
105	TTPkPrevBA	Real	10	2	previous assignment	feedback	Round 2 feedback spd
					Congested travel time A to B current	Capspd,	
106	TTPkAssnAB	Real	10	2	assignment	feedback	Final feedback speed
407			1.0	_			
107	TTPkAssnBA	Real	10	2	assignment	feedback	Final feedback speed
108	TTpkLocAB	Dool	10	2	Local bus travel time - congested	Canend	Lookup, capped at 90% of peak
100	Прксосав	Real	10	2	speed A to B	Capspd	speed travel time A to B
109	TTpkLocBA	Real	10	2	Local bus travel time - congested	Capspd	Lookup, capped at 90% of peak
		ricai		_	speed B to A	сарэра	speed travel time B to A
110	TTpkXprAB	Real	10	2	Express bus travel time - congested	Capspd	Lookup, capped at 90% of peak
	• •				speed A to B	<u> </u>	speed travel time A to B
111	TTpkXprBA	Real	10	2	Express bus travel time - congested	Capspd	Lookup, capped at 90% of peak
					speed B to A Non-stop bus travel time - congested		speed travel time B to A =TTPkAssnAB or guideway speed
112	TTPkNStAB	Real	10	2	speed A to B	Capspd	with no stops
					Non-stop bus travel time - congested	 	=TTPkAssnBA or guideway speed
113	TTPkNStBA	Real	10	2	speed B to A	Capspd	with no stops
			10	_	Skip stop bus travel time - congested		=TTPkAssnAB or guideway speed
114	TTpkSkSAB	Real	10	2	speed A to B	Capspd	with skip stops
115	TTwlclcDA	Dool	10	2	Skip stop bus travel time - congested	Canand	=TTPkAssnBA or guideway speed
115	TTpkSkSBA	Real	10	2	speed B to A	Capspd	with skip stops
116	TTfrLocAB	Real	10	2	Local bus travel time - free speed A	Capspd	Lookup, capped at 90% of free speed
110	THEOCAD	iveai	10	_	to B	Сарэра	travel time A to B
117	TTfrLocBA	Real	10	2	Local bus travel time - free speed B	Capspd	Lookup, capped at 90% of free speed
				_	to A		travel time B to A
118	TTfrXprAB	Real	10	2	Express bus travel time - free speed A	Capspd	Lookup, capped at 90% of free speed
	•				to B	<u> </u>	travel time A to B
119	TTfrXprBA	Real	10	2	Express bus travel time - free speed B	Capspd	Lookup, capped at 90% of free speed
					to A		travel time B to A

Field	Field Name	Туре	Widt	h Dec	Value	Description	Source	Notes
130						Non-stop bus travel time - free speed		=TTFreeAB or guideway speed with
120	TTFrNStAB	Real	10	2		A to B	Capspd	no stops
121	TTCNC+D A	Deel	10	2		Non-stop bus travel time - free speed	Comorad	=TTFreeAB or guideway speed with
121	TTFrNStBA	Real	10	2		B to A	Capspd	no stops
122	TTf-cl-C A D	Deel	10	2		Skip stop bus travel time - free speed	Cananad	=TTFreeAB or guideway speed with
122	TTfrSkSAB	Real	10	2		A to B	Capspd	skip stops
122	TTf~Cl/CD A	Dool	10	2		Skip stop bus travel time - free speed	Consud	=TTFreeAB or guideway speed with
123	TTfrSkSBA	Real	10	2		B to A	Capspd	skip stops
124	PkLocLUAB	Dool	10	2		Local bus lookup travel time - peak A	Canend	Lookup, NO capping
124	PKLUCLUAB	Real	10	2		to B	Capspd	соокир, но сарріпд
125	PkLocLUBA	Real	10	2		Local bus lookup travel time - peak B	Capspd	Lookup, NO capping
123	TRECCEODA	iteai	10			to A		сокир, но саррінд
126	PkXprLUAB	Real	10	2		Express bus lookup travel time - peak	Capspd	Lookup, NO capping
120	ТКАРГЕОЛЬ	ricai	10			A to B	Сарэра	соскар, по саррпів
127	PkXprLUBA	Real	10	2		Express bus lookup travel time - peak	Capspd	Lookup, NO capping
12,	ТКАРТЕОВА	ricai				B to A	сарэра	
128	TTwalkAB	Real	10	2		Walk travel time A to B	Capspd	Len * 20 (3 MPH), 9999 for funcl
	TT Wallot D	ricai				walk traver time // to b	сарэра	1,2,8,9, 20-89, Non-directional
129	TTwalkBA	Real	10	2		Walk travel time B to A	Capspd	Len * 20 (3 MPH), 9999 for funcl
	T Walker	· · · · · ·				Train traver time b to //	Сарэра	1,2,8,9, 20-89, Non-directional
130	TTbikeAB	Real	10	2		Bike travel time A to B	Capspd	7 MPH, 9999 for funcl 1,2,8,9, 20-89,
	T TOTAL CALL	· · · · · ·		_		Since travel time // to B	Сарэра	Directional
131	TTbikeBA	Real	10	2		Bike travel time B to A	Capspd	7 MPH, 9999 for funcl 1,2,8,9, 20-89,
								Directional
132	ImpPkAB	Real	10	2		Peak Impedance A to B	Capspd	TTPeakAB * 0.6 + length * 0.4
133	ImpPkBA	Real	10	2		Peak Impedance B to A	Capspd	TTPeakBA * 0.6 + length * 0.4
134	ImpFreeAB	Real	10	2		Off-peak Impedance A to B	Capspd	TTFreeAB * 0.6 + length * 0.4
135	ImpFreeBA	Real	10	2		Off-peak Impedance B to A	Capspd	TTFreeBA * 0.6 + length * 0.4
136	TollAB	Real	10	2		Toll for link (cents)	Macro	
137	TollBA	Real	10	2		Toll for link (cents)	Macro	
138	НОТАВ	Real	10	2		Managed Lane Toll for link (cents)	Macro	
120	LIOTD 4	5 1	40	2				
139	НОТВА	Real	10	2		Managed Lane Toll for link (cents)	Macro	
			- 10			Flag for non-transit links to be		-1 1 11 1 66
140	Mode	Int	10			included in transit network	Model Team	Flagged with a value of 1
141	BRT_Flag	Int	10					
142	datestamp	Int	8			Date stamp	Model team	
143	Level	Int	10			Cross-reference to old networks	Model team	
144	themecode	Int	8				Model team	
145	TOLL_PRJID	Int	8			Cross-reference to tolls.bin	Model team	
146	HOT_PRJID	Int	8			Cross-reference to tolls.bin	Model team	
147	ITS Code	Int	8			AQ off-model code	Model team	currently not used
148	ITS_Segment	Int	8			AQ off-model code	Model team	currently not used
149	UrbanRural	Char	1			MOVES code	calc from AT	U or R
150	RoadTypeAQ	Int	2			MOVES code	Model team	
151	Projnum1	Int	8			Project number ID, project 1	Model team	
	· - j · · · · · · -				1	One way - A to B	Plan	
152	DIR_prj1	Int	8		0	Two way		
I	_i^.j	****	-		-1	One way - B to A		
					_	Future funci, project 1	Plan	
					1	Freeway	I	
					2	Expressway		
					3	Class II major thoroughfare		
					4	Major thoroughfare	l	
					-	major moroaginare	ı	

Field	Field Name	Turno	Width Dec	Volue	. Description	Course
rieia	Fleid Name	Type	width Dec		Description	Source Notes
				5	Minor thoroughfare	
				6 7	Collector street Local Street	
				8	Ramp to surface street	
				9	Freeway-freeway ramp	
153	Funcl_prj1	Int	8	22	HOV 2+ / Busway	
133	runci_prji		O	23	HOV 3+ / Busway	
				30	Transit Only - Rail	
				40	Transit Only - Busway	
				82	Hwy to HOV 2+	
				83	Hwy to HOV 3+	
				84	Transit Only - connect to Tran	
				90	Centroid connector	
				92	Centroid conn to transit station	
				000.	Add 900 for links not in project	
				900+	network	
					Federal functional class	Plan
				IU	Urban Interstate	
				IR	Rural Interstate	
				FU	Urban other freeway	
				PU	Urban Principal arterial	
				PR	Rural Principal arterial	
	- 10 1 11		_	MU	Urban Minor arterial	
154	Fedfuncl_prj1	Char	2	MR	Rural Minor arterial	
				CU	Urban collector	
				CM	Rural - Major collector	
				CR	Rural - Minor collector	
				LU LR	Urban - Local street Rural - Local street	
				HO	HOV	
				TR	Transit only	
155	Fedfuncl_AQ_prj1	Char	5	111	Air quality functional class	Plan
156	LnsAB_prj1	Int	8		Future lanes B to A, project 1	Plan
157	LnsBA_prj1	Int	8		Future facility type, project 1	Plan
					Facility type	Plan
				F	Freeway	
				Ε	Expressway	
				R	Ramp	
158	Factypprj1	Char	1	D	Divided - no median breaks	
	, , , , , , , , , , , , , , , ,		_	M	Divided - median breaks only	
				В	Divided - left turn bays	
				T	Undivided - left turn bays	
				C	Undivided - continuous left	
				U	Undivided - no left provision	
159	SpdLmtprj1	Int	8		Future Speed limit (MPH) for project 1	Plan
					Future Speed limit (MPH) adjusted in	
160	SpLRunprj1	Int	8		future for area type for project 1	Plan
						Dia:
				Υ	On-street parking	Plan
1				NI	Parking allowed Parking not allowed	
161	Park_prj1	Char	1	N A	No parking in AM peak	
1				A P	No parking in PM peak	
				В	No parking in peak	
				5	Pedestrian activity	Plan
•					. Cacoman activity	I

Field	Field Name	Туре	Width Dec	Value	Description	Source Notes
				Н	High pedestrian activity	
162	Ped_prj1	Char	1	М	Medium pedestrian activity	
				L	Low pedestrian activity	
				Χ	Pedestrians prohibited	
					Development density	Plan
				Н	High development density	
163	Devden_prj1	Char	1	M	Medium development density	
				L	Low development density	
				Χ	Roadside development prohibited	
					Driveway density	Plan
				Н	High driveway density	
164	Drwyden_prj1	Char	1	M	Medium driveway density	
				L	Low driveway density	
				Χ	Driveways prohibited	
				_	Future control at A, project 1	Plan
				T	Through	
4.65		CI.		L	Signal (light)	
165	Acntl_prj1	Char	1	S	Stop	
				F	Four way stop (all way stop)	
				Y	Yield Beyondah ayıt	
				R	Roundabout	
					Future prohibitions at A, project 1	Plan
				N	No prohibitions	
166	Aprhb_prj1	Char	1	L	No left	
100	//bilip_bij±	Cilai	-	R	No right	
				T	No through	
				C	No turns	
167	Aleft_prj1	Int	8		Future Left turn Ins at A, project 1	Plan
168	Athru_prj1	Int	8		Future thru lanes at A, project 1	Plan
169	Arite_prj1	Int	8		Future right turn lanes at A, project 1	
					Future control at B, project 1	Plan
				T	Through	
				L	Signal (light)	
170	Bcntl_prj1	Char	1	S	Stop	
				F	Four way stop (all way stop)	
				Υ	Yield	
				R	Roundabout	
					Future prohibitions at B, project 1	Plan
				N	No prohibitions	
171	Bprhb_prj1	Char	1	L	No left	
	· ·	- +		R	No right	
				Т	No through	
				С	No turns	
172	Bleft_prj1	Int	8		Future Left turn lanes at B, project 1	Plan
172 173	Bleft_prj1 Bthru_prj1	Int Int	8		Future Left turn lanes at B, project 1 Future thru lanes at B, project 1	Plan Plan
173 174	Bthru_prj1 Brite_prj1	Int Int	8		Future thru lanes at B, project 1 Future right turn lanes at B, project 1	Plan Plan
173	Bthru_prj1	Int	8	1	Future thru lanes at B, project 1 Future right turn lanes at B, project 1 Project number ID, project 2	Plan Plan Plan
173 174	Bthru_prj1 Brite_prj1	Int Int	8		Future thru lanes at B, project 1 Future right turn lanes at B, project 1	Plan Plan
173 174 175	Bthru_prj1 Brite_prj1 Projnum2	Int Int Int	8 8	1	Future thru lanes at B, project 1 Future right turn lanes at B, project 1 Project number ID, project 2 One way - A to B	Plan Plan Plan

Et al d	Etable Name	T	MC-lub Day	Malasa		
Field	Field Name	Type	Width Dec		Description	Source Notes
				1	Freeway	
				2	Expressway	
				3	Class II major thoroughfare	
				4	Major thoroughfare	
				5	Minor thoroughfare	
				6	Collector street	
				7	Local Street	
				8	Ramp to surface street	
				9	Freeway-freeway ramp	
177	Funcl_prj2	Int	8	22	HOV 2+ / Busway	
				23	HOV 3+ / Busway	
				30	Transit Only - Rail	
				40	Transit Only - Busway	
				82	Hwy to HOV 2+	
				83	Hwy to HOV 3+	
				84	Transit Only - connect to Tran	
				90	Centroid connector	
				92	Centroid conn to transit station	
				900+	Add 900 for links not in project	
				900+	network	
					Federal functional class	Plan
				IU	Urban Interstate	
				IR	Rural Interstate	
				FU	Urban other freeway	
				PU	Urban Principal arterial	
				PR	Rural Principal arterial	
				MU	Urban Minor arterial	
178	Fedfuncl_prj2	Char	2	MR	Rural Minor arterial	
				CU	Urban collector	
				CM	Rural - Major collector	
				CR	Rural - Minor collector	
				LU	Urban - Local street	
				LR	Rural - Local street	
				НО	HOV	
				TR	Transit only	
179	Fedfuncl_AQ_prj2	Char	5		Air quality functional class	Plan
180	LnsAB_prj2	Int	8		Future lanes B to A, project 2	Plan
181	LnsBA_prj2	Int	8		Future facility type, project 2	Plan
					Facility type	Plan
				F	Freeway	
				E	Expressway	
				R	Ramp	
				D	Divided - no median breaks	
182	Factypprj2	Char	1	М	Divided - median breaks only	
1				В	Divided - left turn bays	
1				Б Т	Undivided - left turn bays	
1				C	Undivided - continuous left	
1				U	Undivided - no left provision	
—					Future Speed limit (MPH) for project	
183	SpdLmtprj2	Int	8	R	2	Plan
184	SpLRunprj2	Int	8	D	Future Speed limit (MPH) adjusted in	Plan
1-04	Spendiipijz	1111	U	J	future for area type for project 2	1411
					On-street parking	Plan
				Υ	Parking allowed	

Field	Field Name	Туре	Width Dec	Value	Description	Source Notes
185	Dark pri2	Char	1	N	Parking not allowed	
102	Park_prj2	Cliai	1	Α	No parking in AM peak	
				Р	No parking in PM peak	
				В	No parking in peak	
					Pedestrian activity	Plan
				Н	High pedestrian activity	
186	Ped_prj2	Char	1	М	Medium pedestrian activity	
	_, ,			L	Low pedestrian activity	
				X	Pedestrians prohibited	
					Development density	Plan
				Н	High development density	
187	Devden_prj2	Char	1	M	Medium development density	
-0/	Devacii_pij2	Citai	-	L	Low development density	
				X	Roadside development prohibited	
				^	Driveway density	Plan
				ш		riali
100	Danidon nai2	Char	1	H	High driveway density	
188	Drwyden_prj2	Char	1	М	Medium driveway density	
				L	Low driveway density	
				Χ	Driveways prohibited	
					Future control at A, project 2	Plan
				T	Through	
				L	Signal (light)	
189	Acntl_prj2	Char	1	S	Stop	
				F	Four way stop (all way stop)	
				Υ	Yield	
				R	Roundabout	
					Future prohibitions at A, project 2	Plan
				N	No prohibitions	
190	Aprhb_prj2	Char	1	L	No left	
130	Aprilo_prj2	Citai	1	R	No right	
				T	No through	
				C	_	
191	Aleft_prj2	Int	8		No turns Future Left turn Ins at A, project 2	Plan
192	Athru_prj2	Int	8		Future thru lanes at A, project 2	Plan
193	Arite_prj2	Int	8		Future right turn lanes at A, project 2	
193	Arite_prj2	IIIL	0			
					Future control at B, project 2	Plan
				Т	Through	
				L	Signal (light)	
194	Bcntl_prj2	Char	1	S	Stop	
				F	Four way stop (all way stop)	
				Υ	Yield	
				R	Roundabout	
					Future prohibitions at B, project 2	Plan
				N.I		
105	Darbb aria	Char	1	N	No prohibitions No left	
195	Bprhb_prj2	Char	1	L D		
				R	No right	
				T	No through	
				С	No turns	
196	Bleft_prj2	Int	8		Future Left turn lanes at B, project 2	Plan
197	Bthru_prj2	Int	8		Future thru lanes at B, project 2	Plan
198	Brite_prj2	Int	8		Future right turn lanes at B, project 2	Plan

Field	Field Name	Туре	Width Dec	Value	Description	Source Notes
199	Projnum3	Int	8		Project number ID, project 3	Plan
133	Trojnamo			1	One way - A to B	Plan
200	DIR_prj3	Int	8	0	Two way	1 1411
	5p.,jo		· ·	-1	One way - B to A	
					Future funci, project 3	Plan
1				1	Freeway	1 1411
1				2	Expressway	
1				3	Class II major thoroughfare	
1				4	Major thoroughfare	
1				5	Minor thoroughfare	
1				6	Collector street	
1				7	Local Street	
1				8	Ramp to surface street	
1				9	Freeway-freeway ramp	
201	Funcl_prj3	Int	8	22	HOV 2+ / Busway	
1				23	HOV 3+ / Busway	
1				30	Transit Only - Rail	
1				40	Transit Only - Busway	
1				82	Hwy to HOV 2+	
1				83	Hwy to HOV 3+	
1				84	Transit Only - connect to Tran	
1				90	Centroid connector	
1				92	Centroid conn to transit station	
1				900+	Add 900 for links not in project	
				900+	network	
					Federal functional class	Plan
1				IU	Urban Interstate	
1				IR	Rural Interstate	
1				FU	Urban other freeway	
1				PU	Urban Principal arterial	
1				PR	Rural Principal arterial	
	- 16 1 1-			MU	Urban Minor arterial	
202	Fedfuncl_prj3	Char	2	MR	Rural Minor arterial	
1				CU	Urban collector	
1				CM	Rural - Major collector	
1				CR	Rural - Minor collector	
1				LU	Urban - Local street	
1				LR	Rural - Local street	
1				HO	HOV	
202	Fodfund AO mri2	Char	Г	TR	Transit only	Dlan
203	Fedfuncl_AQ_prj3	Char	5		Air quality functional class	Plan
204	LnsAB_prj3	Int	8		Future lanes B to A, project 3	Plan
205	LnsBA_prj3	Int	8		Future facility type, project 3	Plan
				г	Facility type	Plan
1				F	Freeway	
1				E	Expressway	
				R D	Ramp Divided - no median breaks	
206	Factypprj3	Char	1	M	Divided - median breaks only	
1				IVI B	Divided - Hedian breaks only Divided - left turn bays	
1				Б	Undivided - left turn bays	
				C	Undivided - continuous left	
				U	Undivided - no left provision	
					Future Speed limit (MPH) for project	
207	SpdLmtprj3	Int	8	R	3	Plan
					J	

Field	Field Name	Туре	Width Dec	Value	e Description	Source Notes
208	SpLRunprj3	Int	8	D	Future Speed limit (MPH) adjusted in future for area type for project 3	Plan
209	Park_prj3	Char	1	Y N A P B	On-street parking Parking allowed Parking not allowed No parking in AM peak No parking in PM peak No parking in peak	Plan
210	Ped_prj3	Char	1	H M L	Pedestrian activity High pedestrian activity Medium pedestrian activity Low pedestrian activity Pedestrians prohibited	Plan
211	Devden_prj3	Char	1	H M L	Development density High development density Medium development density Low development density Roadside development prohibited	Plan
212	Drwyden_prj3	Char	1	H M L	Driveway density High driveway density Medium driveway density Low driveway density Driveways prohibited	Plan
213	Acntl_prj3	Char	1	T L S F Y	Future control at A, project 3 Through Signal (light) Stop Four way stop (all way stop) Yield Roundabout	Plan
214	Aprhb_prj3	Char	1	N L R T	Future prohibitions at A, project 3 No prohibitions No left No right No through No turns	Plan
215	Aleft_prj3	Int	8		Future Left turn Ins at A, project 3	Plan
216	Athru_prj3	Int	8		Future thru lanes at A, project 3	Plan
217	Arite_prj3	Int	8		Future right turn lanes at A, project 3	Plan
218	Bcntl_prj3	Char	1	T L S F Y	Future control at B, project 3 Through Signal (light) Stop Four way stop (all way stop) Yield Roundabout	Plan
219	Bprhb_prj3	Char	1	N L R T	Future prohibitions at B, project 3 No prohibitions No left No right No through No turns	Plan

Field	Field Name	Туре	Width Dec	Value	Description	Source Notes
220	Bleft_prj3	Int	8		Future Left turn lanes at B, project 3	Plan
221	Bthru_prj3	Int	8		Future thru lanes at B, project 3	Plan
222	Brite_prj3	Int	8		Future right turn lanes at B, project 3	
223	Projam	Int	8		Project number ID, AM period	Plan
					specific project Future dir code, project AM	Plan
				1	One way - A to B	i tuli
224	Dir_prjam	Int	8	0	Two way	
				-1	One way - B to A	
					Future funcl, project AM	Plan
				1	Freeway	
				2	Expressway	
				3	Class II major thoroughfare	
				4	Major thoroughfare	
				5	Minor thoroughfare	
				6	Collector street	
				7	Local Street	
				8	Ramp to surface street	
				9	Freeway-freeway ramp	
225	Funcl_prjam	Int	8	22	HOV 2+ / Busway	
				23	HOV 3+ / Busway	
				30	Transit Only - Rail	
				40	Transit Only - Busway	
				82	Hwy to HOV 2+	
				83	Hwy to HOV 3+	
				84	Transit Only - connect to Tran	
				90	Centroid connector	
				92	Centroid conn to transit station	
				900+	Add 900 for links not in project network	
					Federal functional class	Plan
				IU	Urban Interstate	
				IR	Rural Interstate	
				FU	Urban other freeway	
				PU	Urban Principal arterial	
				PR	Rural Principal arterial	
				MU	Urban Minor arterial	
226	Fedfuncl_prjam	Char	2	MR	Rural Minor arterial	
				CU	Urban collector	
				CM	Rural - Major collector	
				CR	Rural - Minor collector	
				LU	Urban - Local street	
				LR	Rural - Local street	
				HO TR	HOV Transit only	
227	Fedfuncl_AQ_prjan	n Char	5	111	Air quality functional class	Plan
228	LnsAB_prjam	Int	8		Future lanes A to B, project AM	Plan
229	LnsBA_prjam	Int	8		Future lanes B to A, project AM	Plan
	<u> </u>				Future facility type, project AM	Plan
				F	Freeway	
1				Е	Expressway	
1				R	Ramp	
230	Factypprjam	Char	1	D	Divided - no median breaks	
1230	ι αστγρητματιτ	Cital	_	M	Divided - median breaks only	

Field	Field Name	Туре	Width Dec	Valu	e Description	Source Notes
				В	Divided - left turn bays	
				T	Undivided - left turn bays	
				С	Undivided - continuous left	
				U	Undivided - no left provision	
231	SpdLmtprjam	Int	8		Future Speed limit (MPH) for `	Plan
232	SpLRunprjam	Int	8		Future Speed limit (MPH) adjusted in	Plan
	эрекапріјані				future for area type for project AM	
				Υ	On-street parking Parking allowed	Plan
				N	Parking anowed Parking not allowed	
233	Park_prjam	Char	1	A	No parking in AM peak	
				P	No parking in PM peak	
				В	No parking in peak	
					Pedestrian activity	Plan
				Н	High pedestrian activity	
234	Ped_prjam	Char	1	М	Medium pedestrian activity	
				L	Low pedestrian activity	
				Χ	Pedestrians prohibited	
					Development density	Plan
				Н	High development density	
235	Devden_prjam	Char	1	M	Medium development density	
				L	Low development density	
				Χ	Roadside development prohibited	
					Driveway density	Plan
				Н	High driveway density	
236	Drwyden_prjam	Char	1	M	Medium driveway density	
				L	Low driveway density	
				Χ	Driveways prohibited	
				_	Future control at A, project am	Plan
				T	Through	
227	A	Cl	4	L	Signal (light)	
237	Acntl_prjam	Char	1	S	Stop	
				F Y	Four way stop (all way stop)	
				r R	Yield Roundabout	
				К	Future prohibitions at A, project am	Plan
				N	No prohibitions	
				L	No left	
238	Aprhb_prjam	Char	1	R	No right	
				T	No through	
				C	No turns	
239	Aleft_prjam	Int	8		Future Left turn Ins at A, project am	Plan
240	Athru_prjam	Int	8		Future thru lanes at A, project am	Plan
241		Int	8		Future right turn lanes at A, project	Plan
241	Arite_prjam	IIIL	0		am	
					Future control at B, project am	Plan
				Т	Through	
				L	Signal (light)	
242	Bcntl_prjam	Char	1	S	Stop	
				F	Four way stop (all way stop)	
				Y	Yield	
				R	Roundabout	la.
					Future prohibitions at B, project am	Plan
ı				N	No prohibitions	

Field	Field Name	Туре	Width Dec	Value	Description	Source Notes
243	Bprhb_prjam	Char	1	L	No left	
243	bpinb_pijani	Citai	1	R	No right	
				T	No through	
				С	No turns	
244	Bleft_prjam	Int	8		Future Left turn lanes at B, project	Plan
		1110			am	
245	Bthru_prjam	Int	8		Future thru lanes at B, project am	Plan
246	Brite_prjam	Int	8		Future right turn lanes at B, project	Plan
					am	
247	Projpm	Int	8		Project number ID, pm period	Plan
					specific project Future dir code, project pm	Plan
				1	One way - A to B	ridii
248	Dir_prjpm	Int	8	0	Two way	
				-1	One way - B to A	
					Future funcl, project pm	Plan
				1	Freeway	
				2	Expressway	
				3	Class II major thoroughfare	
				4	Major thoroughfare	
				5	Minor thoroughfare	
				6	Collector street	
				7	Local Street	
				8	Rpmp to surface street	
				9	Freeway-freeway rpmp	
249	Funcl_prjpm	Int	8	22	HOV 2+ / Busway	
				23	HOV 3+ / Busway	
				30	Transit Only - Rail	
				40	Transit Only - Busway	
				82 83	Hwy to HOV 2+ Hwy to HOV 3+	
				84	Transit Only - connect to Tran	
				90	Centroid connector	
				92	Centroid conn to transit station	
					Add 900 for links not in project	
				900+	network	
					Federal functional class	Plan
				IU	Urban Interstate	
				IR	Rural Interstate	
				FU	Urban other freeway	
				PU	Urban Principal arterial	
				PR	Rural Principal arterial	
			_	MU	Urban Minor arterial	
250	Fedfuncl_prjpm	Char	2	MR	Rural Minor arterial	
				CU	Urban collector	
				CM	Rural - Major collector	
				CR	Rural - Minor collector Urban - Local street	
				LU LR	Rural - Local street	
				HO	HOV	
				TR	Transit only	
254	Fedfuncl_AQ_prjpm	Char	5		Air quality functional class	Plan
251	. 55.5.161_/ (4_pr)pin					
251 252	LnsAB nrinm	Int	8		Future lanes A to B. project nm	IPIAN
252	LnsAB_prjpm LnsBA_pripm	Int Int	8		Future lanes A to B, project pm Future lanes B to A, project pm	Plan Plan
	LnsAB_prjpm LnsBA_prjpm	Int	8		Future lanes A to B, project pm Future lanes B to A, project pm Future facility type, project pm	Plan Plan

Field	Field Name	Туре	Width Dec	Value	Description	Source Notes
		,,,		E	Expressway	
				R	Rpmp	
				D	Divided - no median breaks	
254	Factypprjpm	Char	1	М	Divided - median breaks only	
1				В	Divided - left turn bays	
1				T	Undivided - left turn bays	
1				C	Undivided - continuous left	
1				U	Undivided - no left provision	
255	SpdLmtprjpm	Int	8		Future Speed limit (MPH) for `	Plan
					Future Speed limit (MPH) adjusted in	
256	SpLRunprjpm	Int	8		future for area type for project pm	Plan
1					On-street parking	Plan
				Υ	Parking allowed	
257	Park_prjpm	Char	1	N	Parking not allowed	
			_	Α	No parking in pm peak	
				Р	No parking in PM peak	
				В	No parking in peak	
					Pedestrian activity	Plan
				Н	High pedestrian activity	
258	Ped_prjpm	Char	1	M	Medium pedestrian activity	
1				L	Low pedestrian activity	
				Χ	Pedestrians prohibited	
1					Development density	Plan
				Н	High development density	
259	Devden_prjpm	Char	1	М	Medium development density	
1				L	Low development density	
				Χ	Roadside development prohibited	
1					Driveway density	Plan
			_	Н	High driveway density	
260	Drwyden_prjpm	Char	1	M	Medium driveway density	
1				L	Low driveway density	
				Χ	Driveways prohibited	S.
1				_	Future control at A, project pm	Plan
1				T	Through	
261	A + 1	Chan	4	L	Signal (light)	
261	Acntl_prjpm	Char	1	S	Stop	
				F	Four way stop (all way stop) Yield	
				Y R		
				N.	Roundabout	
					Future prohibitions at A, project pm	Plan
1				N	No prohibitions	
262	Aprhb_prjpm	Char	1	L	No left	
				R	No right	
1				Т	No through	
				С	No turns	
263	Aleft_prjpm	Int	8		Future Left turn Ins at A, project pm	Plan
264	Athru_prjpm	Int	8		Future thru lanes at A, project pm	Plan
265	Arite_prjpm	Int	8		Future right turn lanes at A, project	Plan
	_r ,r	-			pm	
1				_	Future control at B, project pm	Plan
1				T	Through	
200	Dontl	Char	1	L	Signal (light)	
266	Bcntl_prjpm	Char	1	S	Stop	I I

Field	Field Name	Туре	Width Dec	Value Description	Source Notes
				F Four way stop (all way stop)	
				Y Yield	
				R Roundabout	
				Future prohibitions at B, project pm	Plan
		Char	1	N No prohibitions	
267	Bprhb_prjpm			L No left	
				R No right	
				T No through	
				C No turns	
268	Bleft_prjpm	Int	8	Future Left turn lanes at B, project	Plan
200	biert_prjpin	1110	0	pm	1 1011
269	Bthru_prjpm	Int	8	Future thru lanes at B, project pm	Plan
270	Brite_prjpm	Int	8	Future right turn lanes at B, project	Plan
270				pm	Fiaii
271	Notes	Char	24	User notes for reference	Model team
272	CCSTYLE	Int	12	Optional line style	Model team
273	From ID	Int	10	A node-ID	Model team
274	To ID	Int	10	B node-ID	Model team